

6531585

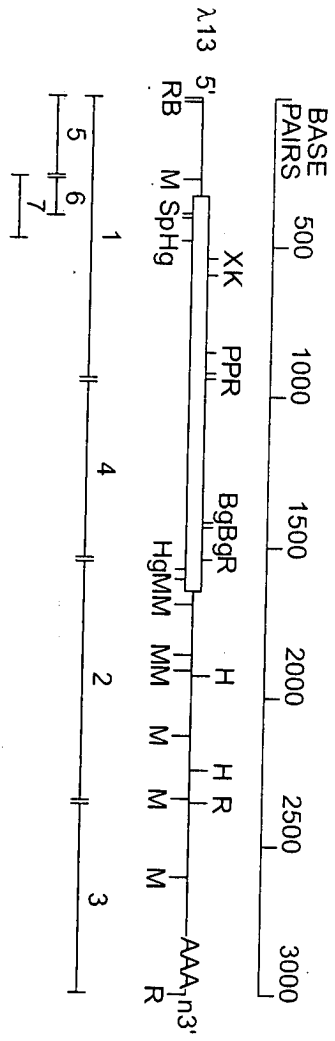
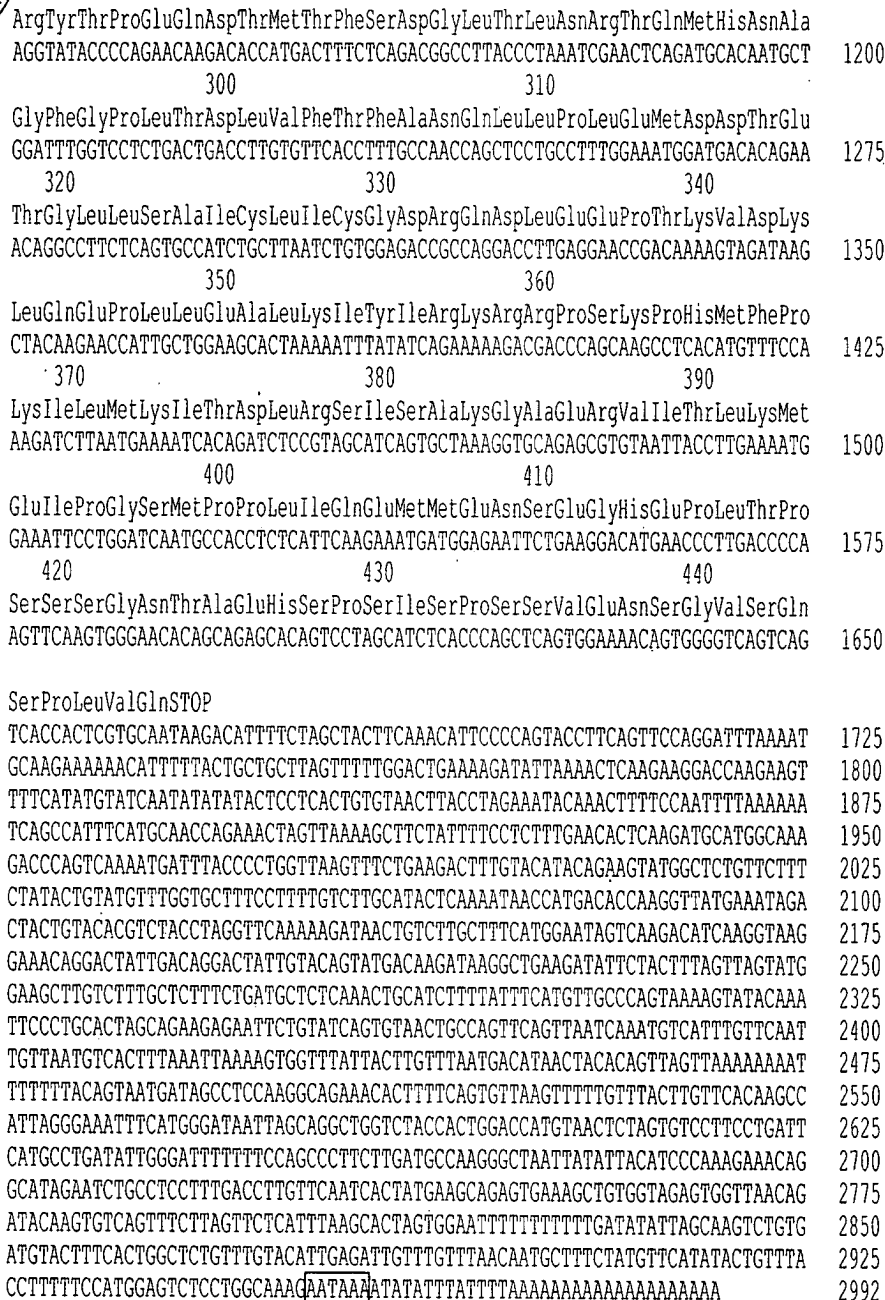


FIG. 1



CGGGGTAGGATCCGGAACGCATTCCGAAGGCTTTTGTCAAGCATTACTTGAAGGAGAACTGGGATCTTTCTG 75
GGAACCCCCCGCCCGGCTGGATTGGCCGAGCAAGCCTGGAATAATGATAATGATCATTGGATCAATTACAGGC 150
TTTGTAGCTGGCTTGTCTGTCAATAATCATGATTCTGGGGCTGGGAAAAAGACCAACAGCCTACGTGCCAAAAAAGG 225
GGCAGAGTTTGATGGAGTTGGCTGGACTTTTCTATGCCATTGCTCCACACCTAGAGGATAAGCACTTTTGCAG 300
MetPheAspCysMetAspValLeuSerValSerProGlyGlnIleLeuAspPhe
ACATTCAGTGCAAGGGAGATCATGTTTGACTGTATGGATGTTCTGTCTAGTGAGTCTGGGCAATCCTGGATTTC 375
20 30 40
TyrThrAlaSerProSerSerCysMetLeuGlnGluLysAlnLeuLysAlaCysPheSerGlyLeuThrGlnThr
TACACTGCGAGTCCGCTCTCTCGATGCTCCAGGAGAAAGCTCTCAAAGCATGCTTCTAGTGGATTGACCCAAACC 450
50 60
GluTrpGlnHisArgHisThrAlaGlnSerIleGluThrGlnSerThrSerSerGluGluLeuValProSerPro
GAATGGCAGCATCGGCACACTGCTCAATCAATTGAAACACAGAGCACCAGCTCTGAGGAACCTCGTCCCAAGCCCC 525
70 80 90
ProSerProLeuProProProArgValTyrLysProCysPheValCysGlnAspLysSerSerGlyTyrHisTyr
CCATCTCCACTTCTCTCCCTCGAGTGTACAAACCTGCTTCGTCTGCCAGGACAATCATCAGGGTACCCTAT 600
100 110
GlyValSerAlaCysGluGlyCysLysGlyPhePheArgArgSerIleGlnLysAsnMetIleTyrThrCysHis
GGGGTCAGCGCTGTGAGGAGTCAAGGCTTTTCCGCAGAAGTATTCAGAAGAATATGATTTACACTTGTAC 675
120 130 140
ArgAspLysAsnCysValIleAsnLysValThrArgAsnArgCysGlnTyrCysArgLeuGlnLysCysPheGlu
CGAGATAAGAACTCTGTTATTAATAAAGTCACCAGGAATCGATGCCAATACTCTGCACTCCAGAAGTCTTTGAA 750
150 160
ValGlyMetSerLysGluSerValArgAsnAspArgAsnLysLysLysLysGluThrSerLysGlnGluCysThr
GTGGGAATGTCCAAGAATCTGTGAGGAATGACAGGAACAAGAAAAAGAGAGACTTCGAAGCAAGAATGCACA 825
170 180 190
GluSerTyrGluMetThrAlaGluLeuAspAspLeuThrGluLysIleArgLysAlaHisGlnGluThrPhePro
GAGAGCTATGAAATGACAGCTGAGTTGGACGATCTCACAGAGAAGATCCGAAAAGCTCACCAGGAACTTTCCCT 900
200 210
SerLeuCysGlnLeuGlyLysTyrThrThrAsnSerSerAlaAspHisArgValArgLeuAspLeuGlyLeuTrp
TCACTCTGCCAGCTGGGTAAATACACCAGAAATCCAGTGTGACCATCGAGTCCGACTGGACCTGGGCCTCTGG 975
220 230 240
AspLysPheSerGluLeuAlaThrLysCysIleIleLysIleValGluPheAlaLysArgLeuProGlyPheThr
GACAAATTCAGTGAAGTGGCCACCAAGTGCATTATTAAGATCGTGGAGTTTGCTAAACGTCTGCCTGGTTTCACT 1050
250 260
GlyLeuThrIleAlnAspGlnIleThrLeuLeuLysAlaAlaCysLeuAspIleLeuIleLeuArgIleCysThr
GGCTTGACCATCGCAGACCAAAATTACCTGTGAAGCCGCTGCCTGGACATCCTGATTCTTAGAATTTGCACC 1125

FIG. 2A



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FIG. 3

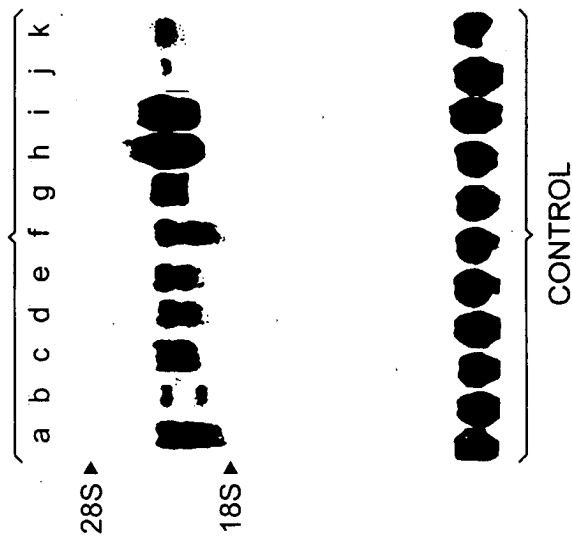
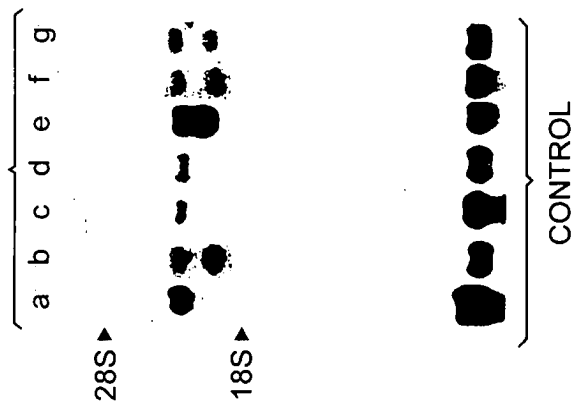
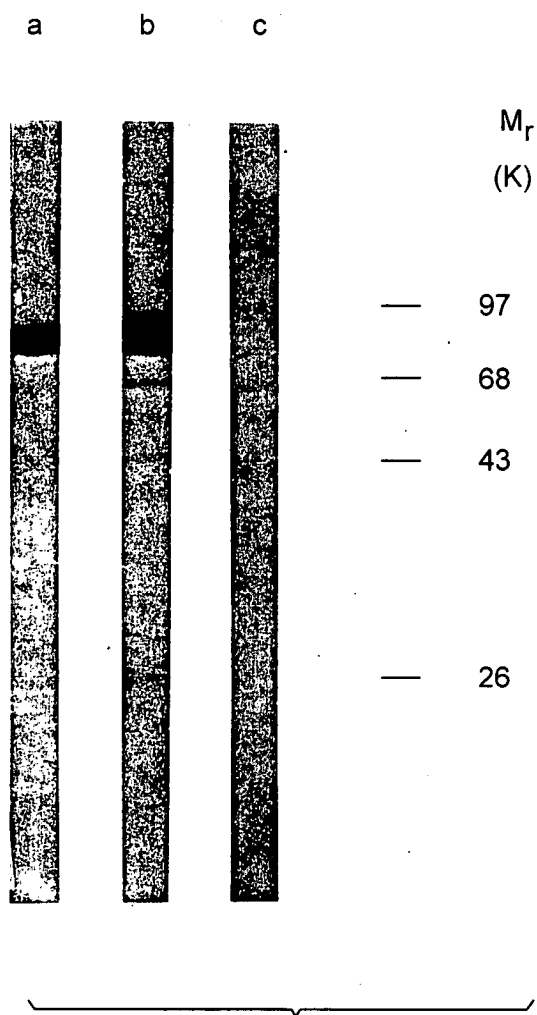


FIG. 4





583 YITGEAEFPATV***

FIG. 6

81	CHVODKSSGTHYGVAECCKEFTFSTIQNM--ITCHDKNQMLVTPNRCQICRIKOFVIGSKESVRNPNKKETSKOECTESY-----	hap
102	CHVODKSSGTHYGVAECCKEFTFSTIQNM--ITCHDKNQMLVTPNRCQICRIKOFVIGSKESVRNPNKKETSKOECTESY-----	hc-erba
185	CHVODKSSGTHYGVAECCKEFTFSTIQNM--ITCHDKNQMLVTPNRCQICRIKOFVIGSKESVRNPNKKETSKOECTESY-----	her
568	CHVODKSSGTHYGVAECCKEFTFSTIQNM--ITCHDKNQMLVTPNRCQICRIKOFVIGSKESVRNPNKKETSKOECTESY-----	rpr
421	CHVODKSSGTHYGVAECCKEFTFSTIQNM--ITCHDKNQMLVTPNRCQICRIKOFVIGSKESVRNPNKKETSKOECTESY-----	hgr
172	-----EMTAELDYTEKIRAHOT-----FSPICOLGKYTTNSSADHRVRLDGL-WDKSELPATKCIKINEHARLPCTGTITADQITLIKAC	hap
204	GHPEPTDEEMELIKYTEAHAVATNAGSHWKKPKLPEDIGAPYNAEGGVDEA-FSHTKITTPAITRMDANKLHFCFCELPCHDOJLIKCC	hc-erba
285	DMAANLWSPMLIKSSKNSLALSTADQV---SALLDAEPPIIEXEDPTREFSEASMGITPNDARELVHVIWAKVPGVDITLHDQVALIECAN	her
666	ESGRITFSRQELIPLI-----NIIHMSIEBOVITACHDNTKEDTSSSLLTSINQIGEROLSVWMSKSLPGHRLHIDDOJTILOYSW	rpr
519	-----TIVPATLPLPTIV-----SILEVEIEFEVITAGYSSVSDSTWRIWTTIIMVIGGROVIAWVWAKAIPGHRNHLIDQNTLLOYSW	hgr
259	LDELIRICTRYTPEODT--MTESDGLTINRTOHNAFGPTLDMFFANOLLPLEMDT-----ETGHSATQIICDRQ-----DIEPTKVKLOEPL	hap
305	MEIISRAAVRDEPESET--ITJNGEAVIRGOLKNGGLGVSDAIFDLGSLSSFNIDT-----EVALLOAVLMSDRP-----GLACVRIEKYDSEL	hc-erba
384	LDELIRICTRYTPEODT--MTESDGLTINRTOHNAFGPTLDMFFANOLLPLEMDT-----ETGHSATQIICDRQ-----DIEPTKVKLOEPL	her
753	MSIWEGLMRSYKXVSGOMLNEADLIINE--QEMKSSFSYSLCTWMOIPOEFVKLOVS---QEFLOMVALILINTIPLD-----GLRSOSQFEEMRSSYI	rpr
601	MEIISRAAVRDEPESET--ITJNGEAVIRGOLKNGGLGVSDAIFDLGSLSSFNIDT-----EVALLOAVLMSDRP-----GLACVRIEKYDSEL	hgr
350	EALKITRKRPSPKPMFKILNKITDRIISAKGAEVITLKMEIPGSM--PPILOEMENSGEHEPIPTSSSGTVAEHSPSISPSVENSVCVOSPLVQ**	hap
396	LAEHYINYRKHVTHRWPKLMAKVTDIRMIGACHASFLMKVECPTELLPPILEVEFED***	hc-erba
481	KITDITLHMAKGLTLOOHQHLAQLILLSHIRHNSNGMEHLYSKCANVPLVDLLEMDAHRHAPTSRGASVEETDQSHLATASTSSHLQKY	her
847	RELIKAGLJOKGVSSSRFYQITKLDMLHDVLKOLHLCANTFIQSRALSYEFPMSEVIAAQPKILAGVAKPLFFHK***	rpr
695	KELGKIVKREGSSONMRFYQITKLDMLHDVLKOLHLCANTFIQSRALSYEFPMSEVIAAQPKILAGVAKPLFFHK***	hgr



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FIG. 8A

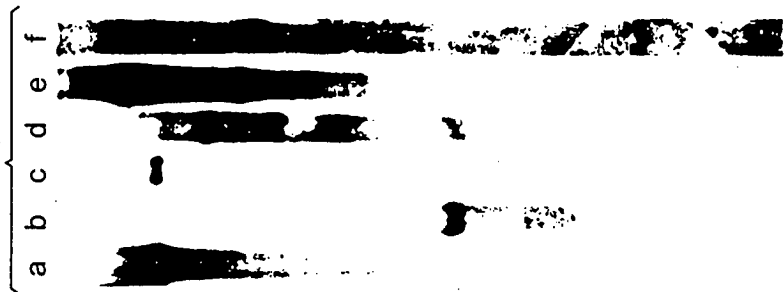


FIG. 8B

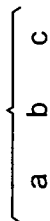


FIG. 8C



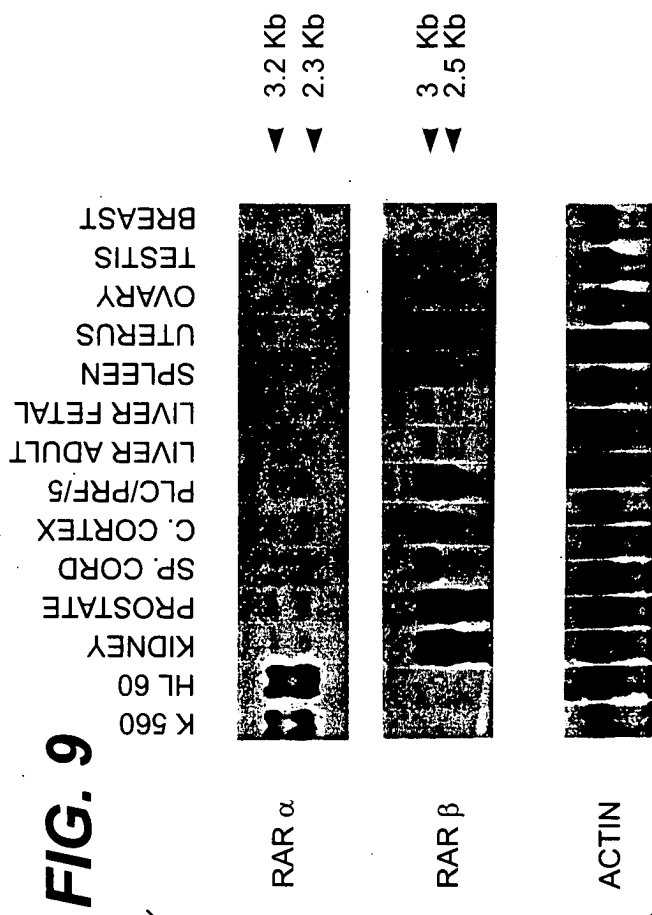
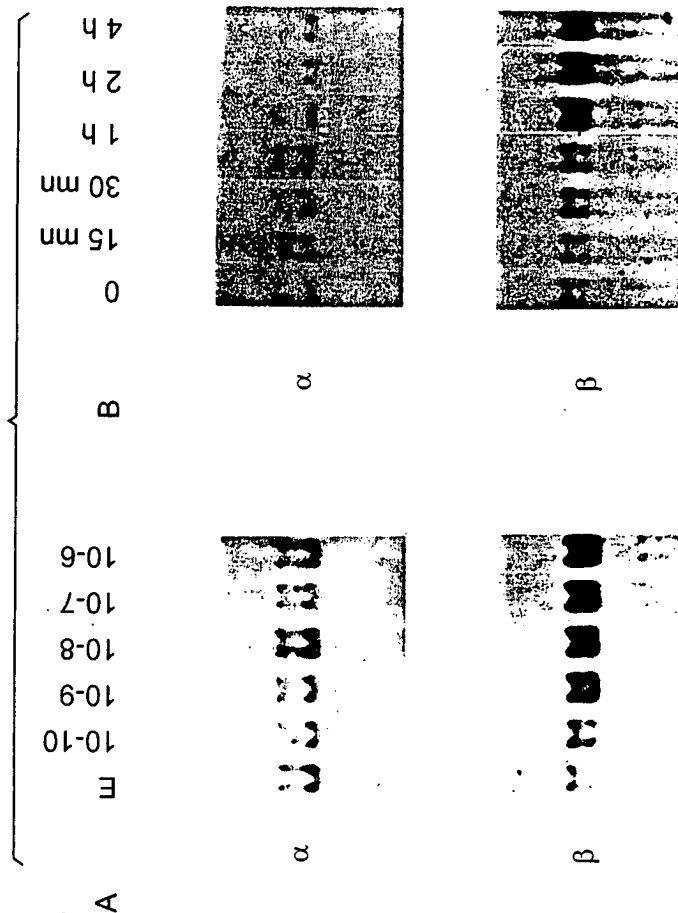


FIG. 10



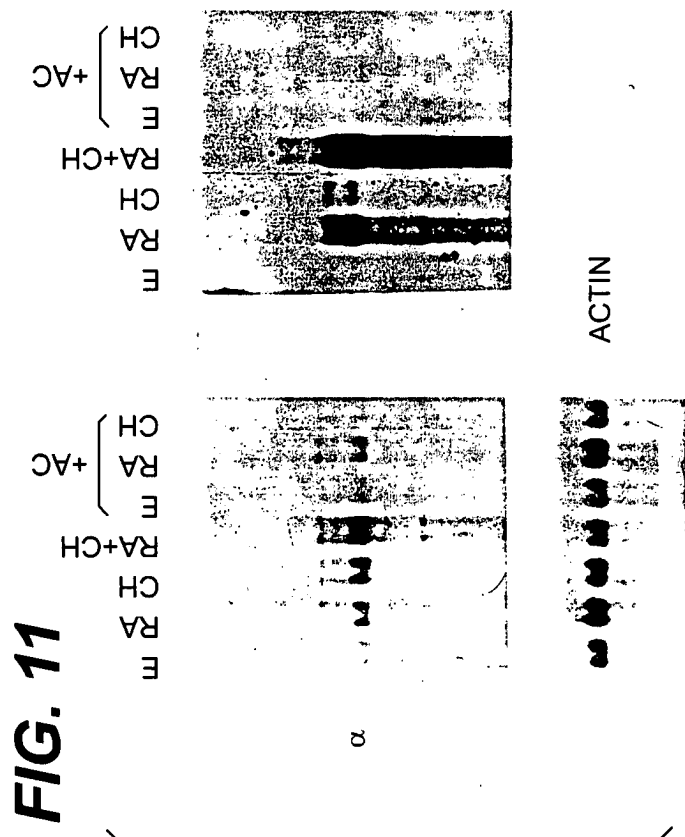


FIG. 12

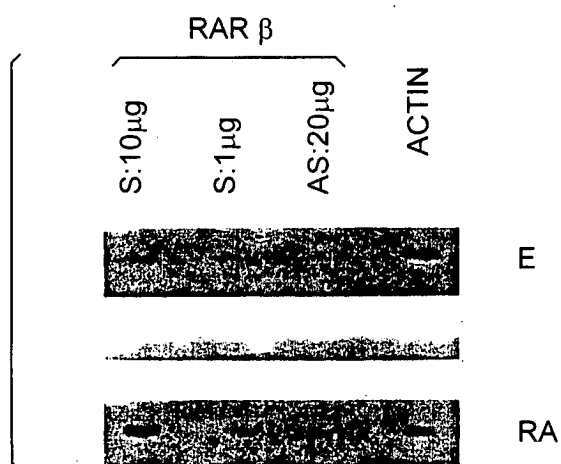
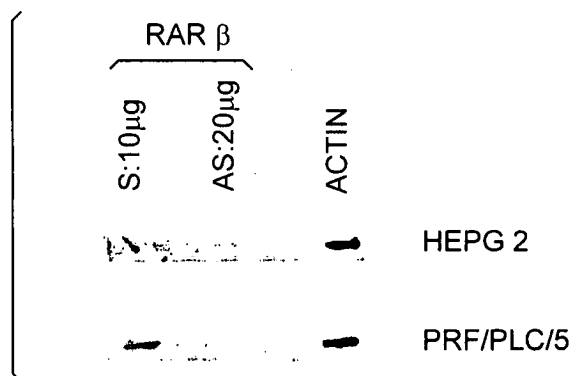


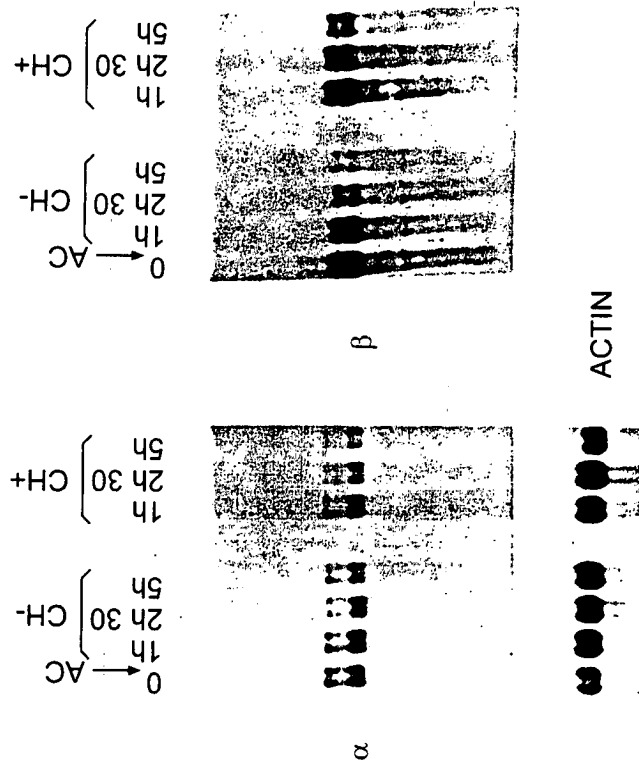
FIG. 13





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FIG. 14





5' END

10 20 30 40 50 60 70
CCCATGCGAGCTGTTGAGGACTGGGATGCCGAGACCGAGCGATCCGAGCAGGGTTGTCTGGCACCGT
NLAIIT TTHIIII FOKI ACCII DPNI BSP1286
ALUI MNLI SFANI FNUDI MBOI BANI
THAI NDEII
SAUIIIA

→ λ13

FIG. 15

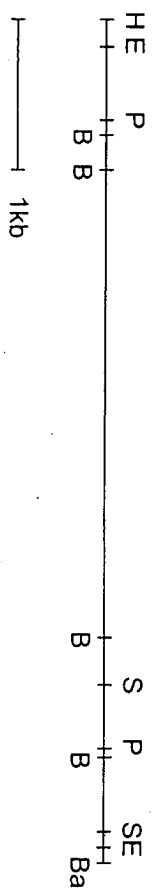


FIG. 16

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